

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (cancelled)

2. (cancelled)

3. (currently amended) A data providing system, comprising:

a plurality of first devices for communicating individually with a plurality of terminal devices each connected to a network; and

a second device for broadcasting data to all of the terminal devices which are in a communicable state with the first devices,

wherein each of ~~said~~the plurality of first devices transmits individual data prepared in accordance with a request from one of the terminal devices to ~~said~~the one of the terminal devices via the network, and

the second device broadcasts data indicating an operation state of the network, which changes occasionally in accordance with a load on a respective one of the first devices, to all of the terminal devices in real time, and transmits as a proxy for the one first device data to be sent by the one first device when some or all of ~~said~~the plurality of first devices have a load which exceeds a predetermined value.

4. (currently amended) A data providing system according to claim 3, wherein at least one of the first devices further comprises: a first data generator for generating load data indicating a load status of the ~~subject~~at least one first device which changes occasionally in accordance with an access status sent from ~~said~~the plurality of terminal devices; and a unit for

transmitting the generated load data to the second device in real time; and

the second device includes a second data generator for generating the operation ~~status~~state data on the basis of the load data received from the at least one of the first devices.

5. (currently amended) A data providing system, comprising:

a first device for communicating individually with a plurality of terminal devices each connected to a network; and

a second device for broadcasting data to all of the terminal devices which are in a communicable state with the first devices,

wherein ~~said~~the plurality of terminal devices and the first device are of types which enable ~~to form~~ a common logical space to be formed,

the first device detects a request ~~of revision of~~ to revise the logical space from at least one of the terminal devices, and ~~changes~~revises the logical space on the basis of ~~the~~a detected status, and

the second device broadcasts the status of the logical space after the revision in the first device to ~~said~~the plurality of terminal devices.

6. (currently amended) A data providing system, comprising:

a plurality of first devices for communicating individually with a plurality of terminal devices each connected to a network; and

a second device for broadcasting data of the same contents to ~~said~~the plurality of terminal devices,

wherein each of ~~said~~the plurality of first devices has a logical space formed therein to be accessible by ~~said~~the plurality of terminal devices, ~~these~~ logical spaces being formed associated with each other, and

the second device, when the status of the logical space changes in one of the first devices, varies the status of the logical space of other first devices on the basis of the variationchanged status in the one of the first devices, and provides the statuses of all the logical spaces after the variation to ~~said~~the plurality of terminal devices in real time.

7. (currently amended) A data providing system according to claim 6, wherein at least one of ~~said~~the plurality of terminal devices further comprises:

_____ a status changer for forming a logical space within the at least one terminal device and for changing the status of the formed logical space, the logical space formed within the at least one terminal device having the same structure as the logical space formed in the first device to be accessed by the at least one~~subject~~ terminal device, ~~within the subject terminal device, and for changing the status of the formed logical space,~~ and

a data transmitter for transmitting in real time, when the status of the logical space within the ~~subject~~at least one terminal device has changed, data indicating the variationchanged status to the first device to be accessed by the ~~subject~~at least one terminal device ~~in real time~~.

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (currently amended) A data providing apparatus, comprising:

a first communication unit for transmitting part of reproducible data to be provided to a first device ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network, so as to ~~make~~cause the first device to transmit the data to each of ~~said~~the plurality of terminal devices;

a load detector for detecting a load on the first device when individually transmitting the data to be provided to one of ~~said~~the plurality of terminal devices via the network;

a generator for generating operation ~~status~~state data indicating an operation ~~status~~state of the network, which changes occasionally in accordance with the detected load of the first device; and

a second communication unit for broadcasting the generated operation ~~status~~state data, to all of the terminal devices which are in a communicable state with the first device,

wherein ~~said~~ all of ~~said~~the terminal devices in the communicable state are ~~rendered~~caused to construct an environment in which ~~said~~ all of ~~said~~the terminal devices in the communicable state ~~enable~~ can reproduce the data to be provided in real time in cooperation with the first device.

13. (original) A data providing apparatus according to claim 12, further comprising a proxy transmission unit for transmitting, as a proxy, individual data to be transmitted by the first device when the load detected by the load detector exceeds a predetermined value.

14. (currently amended) A data providing apparatus, comprising:
a first communication unit for communicating with a first device ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network; and

a second communication unit for broadcasting data to all of the terminal devices which are in a communicable state with the first device,

wherein a common logical space can be created in ~~said~~the plurality of terminal devices and the first device,

the first device detects a request ~~of revision~~ to revise the logical space from at least one of the terminal devices, and ~~changes~~revises the logical space on the basis of the detected ~~status~~request, and

the second ~~device~~communication unit handles the status of the logical space after the revision in the first device, acquired through the first communication unit, as the data to be broadcasted.

15. (currently amended) A data providing apparatus, comprising:

a first communication unit for communicating with a plurality of first devices ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network; and

a second communication unit for broadcasting data to all of the terminal devices which are in a communicable state with ~~said~~the plurality of first devices,

wherein each of ~~said~~the plurality of first devices forms a logical space accessible by ~~said~~the plurality of terminal devices, the logical spaces being formed in association with ~~the~~each other ~~of said plurality of first devices~~, and

the second communication unit acquires ~~the~~a changed status via the first communication unit when the status of the logical space has changed in one of ~~said~~the plurality of first devices, and handles the status of ~~either~~the logical spaces in other of the plurality of first devices which ~~has~~have changed in accordance with the changed status in the one first device, as the data to be broadcasted.

16. (cancelled)

17. (currently amended) A recording medium recorded with a computer program for ~~rendering~~causing a computer to function as a data providing device, said device comprising:

a first communication unit for transmitting part of reproducible data to be provided to a first device ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network, so as to ~~make~~cause the first device to transmit the data to each of ~~said~~the plurality of terminal devices;

a load detection unit for detecting a load on the first device when individually transmitting the data to be provided to one of ~~said~~the plurality of terminal devices via the network;

a generator for generating operation ~~status~~state data indicating an operation ~~status~~state of the network, which changes occasionally in accordance with the detected load of the first device; and

a second communication unit for broadcasting the generated operation ~~status~~state data, to all of the terminal devices which are in a communicable state with the first device,

wherein the data providing device ~~makes~~causes each of ~~said~~the plurality of terminal devices in the communicable state to construct an environment in which ~~said~~the plurality of terminal devices in the communicable state can reproduce the data to be provided in real time in cooperation with the first device.

18. (currently amended) A recording medium recorded with a computer program for ~~rendering~~causing a computer to ~~serve~~function as a data providing device, said device comprising:

a first communication unit for communicating with a first device ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network; and

a second communication unit for broadcasting data to all of the terminal devices which are in a communicable state with the first device,

wherein a common logical space can be created in ~~said~~the plurality of terminal devices and the first device,

the first device detects a request ~~of revision~~of to revise the logical space from at least one of the terminal devices, and ~~changes~~revises the logical space on the basis of the detected ~~status~~request, and

the second ~~device~~communication unit handles the status of the logical space after the revision in the first device, acquired through the first communication unit, as the data to be broadcasted.

19. (currently amended) A recording medium recorded with a computer program for ~~rendering~~causing a computer to ~~serve~~function as a data providing device, said device comprising:

a first communication unit for communicating with a plurality of first devices ~~communicable~~capable of communicating individually with a plurality of terminal devices connected to a network; and

a second communication unit for broadcasting data to all of the terminal devices which are in a communicable state with ~~said~~the plurality of first devices,

wherein each of ~~said~~the plurality of first devices ~~creates~~forms a logical spaces accessible by ~~said~~the plurality of terminal devices, the logical spaces being formed in association with ~~the~~each other ~~of said plurality of first devices~~, and

the second communication unit acquires ~~the~~a changed status via the first communication unit when the status of the logical space has changed in one of ~~said~~the plurality of first devices, and handles the status of ~~either~~the logical spaces in other of the plurality of first devices which ~~has~~have changed in accordance with the changed status in the one first device, as the data to be broadcasted.